

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|-----------------|---------------------------------------------------------------------------|------------------|---------|---------------------|
| L1 | 231 | 398/70-72.ccls. | US-PGPU B; USPAT; USOCR; EPO, JPO; DERWEN T; IBM_TDB | OR | ON | 2005/09/02 15:43 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|-----------------------------------------------------------------|-------------------------------------|------------------|---------|------------------|
| S1 | 1 | "5999294".pn. | US-PGPU B; USPAT | OR | ON | 2003/11/07 14:49 |
| S2 | 0 | fetahi-\$.in. | US-PGPU B; USPAT | OR | ON | 2003/11/07 14:50 |
| S3 | 31 | fatehi-\$.in. | US-PGPU B; USPAT | OR | ON | 2003/11/07 14:50 |
| S4 | 1 | "6243176".pn. | US-PGPU B; USPAT | OR | ON | 2003/11/14 12:04 |
| S5 | 36 | graves-alan\$8.in. | US-PGPU B; USPAT | OR | ON | 2003/11/14 13:07 |
| S6 | 8 | spagnoletti-robert.in. | US-PGPU B; USPAT | OR | ON | 2003/11/14 14:51 |
| S7 | 32 | hebrank-john\$4.in. | US-PGPU B; USPAT | OR | ON | 2003/11/14 14:51 |
| S8 | 10044 | "398"/\$.ccls. | US-PGPU B; USPAT | OR | ON | 2004/06/07 14:02 |
| S23 | 221 | ((add\$3 adj drop\$4 or adm) same bypass\$4 | US-PGPU B; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/24 10:00 |
| S24 | 165 | ((add\$3 adj drop\$4 or adm) same bypass\$4) and @ad<"20010913" | US-PGPU B; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/24 09:45 |
| S25 | 187 | ((add\$3 adj drop\$4 or adm) same upgrad\$ | US-PGPU B; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/24 10:00 |
| S26 | 40 | bidirectional and ((add\$3 adj drop\$4 or adm) same upgrad\$) | US-PGPU B; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/24 10:04 |

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| S27 | 17 | (bidirectional and ((add\$3 adj drop\$4 or adm) same upgrad\$)) and bypass\$ | US-PGPU B; USPAT; EPO; JPO; DERWEN T | OR | ON | 2004/09/24 10:04 |
| S28 | 101 | new adj. service and "398"/\$. ccls. | US-PGPU B; USPAT | OR | ON | 2004/10/18 07:08 |
| S29 | 101 | new adj service and "398"/\$. ccls. | US-PGPU B; USPAT; EPO; JPO; DERWEN T | OR | ON | 2004/10/18 07:09 |
| S30 | 75 | (new adj service and "398"/\$.ccls.) and @ad<"20010901" | US-PGPU B; USPAT; EPO; JPO; DERWEN T | OR | ON | 2004/10/18 07:09 |
| S31 | 0 | "398"/\$.ccls. and cutomer same amplif\$4 same conver\$4 same diplex\$4 same coax\$ | US-PGPU B; USPAT | OR | ON | 2004/10/18 07:51 |
| S32 | 1 | "398"/\$.ccls. and customer same amplif\$4 same conver\$4 same diplex\$4 same coax\$ | US-PGPU B; USPAT | OR | ON | 2004/10/18 08:06 |
| S33 | 6 | ((new adj service and "398"/\$.ccls.) and @ad<"20010901") and tap\$4 with power | US-PGPU B; USPAT | OR | ON | 2004/10/18 08:03 |
| S34 | 0 | ("398"/\$.ccls. and customer same amplif\$4 same conver\$4 same diplex\$4 same coax\$) and tap\$ | US-PGPU B; USPAT | OR | ON | 2004/10/18 08:06 |
| S35 | 1 | "5594578".pn. | US-PGPU B; USPAT | OR | ON | 2004/10/18 08:31 |
| S36 | 64 | 398/83-85.ccls. and bypass\$4 | US-PGPU B; USPAT | OR | ON | 2005/03/18 09:16 |
| S37 | 41 | S36 and @ad<"20010913" | US-PGPU B; USPAT | OR | ON | 2005/03/18 09:17 |

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| S38 | 49 | 398/83\$4.ccls. and bypass\$4 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/03/18 09:16 |
| S39 | 31 | S38 and @ad<"20010913" | US-PGPU B; USPAT | OR | ON | 2005/03/18 09:17 |
| S40 | 1 | "20050014300".pn. | US-PGPU B; USPAT | OR | ON | 2005/03/18 15:10 |
| S41 | 47 | ishikawa-george\$.in. and "398"/\$.ccls. | US-PGPU B; USPAT | OR | ON | 2005/03/18 15:13 |
| S42 | 31 | delay\$4 same dispersion same bend\$3 same fiber | US-PGPU B; USPAT | OR | ON | 2005/03/18 15:14 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|-----------------------|--------------------------------------------------------------------|------------------|---------|------------------|
| L1 | 91 | ishikawa-george\$.in. | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/02 13:43 |
| L2 | 65 | 398/53.ccls. | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/02 15:13 |
| L3 | 1 | 2 and radius | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/02 13:45 |
| L4 | 34 | 2 and variable | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/02 14:30 |
| L5 | 36 | gbe with lan | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/02 15:06 |

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| L6 | 2 | adm with circulator with fbg | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/09/02 15:07 |
| L7 | 10 | adm same circulators with (fbg or bragg adj grating) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/09/02 15:11 |
| L8 | 37 | adm same circulators and (fbg or bragg adj grating) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/09/02 15:11 |
| L9 | 285 | 398/83.ccls. | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/09/02 15:13 |
| S1 | 4 | sniezko-oleh\$.in. | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/09/02 10:04 |
| S2 | 1 | S1 and future | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/09/02 10:05 |

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| S3 | 58 | lu-xiaolin.in. | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/09/02 10:06 |
| S4 | 18 | S3 and future | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/09/02 10:38 |
| S5 | 17 | S4 and add\$3 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/09/02 13:38 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|----------------------------------------------------------------|--------------------------------------------------------------------|------------------|---------|------------------|
| S1 | 67 | (pon or passive adj optical adj network) same star adj coupler | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 14:56 |
| S2 | 54 | S1 and @ad<"20010913" | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 15:00 |
| S3 | 14628 | "54" and base adj station | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 14:48 |
| S4 | 3 | S2 and base adj station | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 14:51 |
| S5 | 34038 | base adj stations | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/14 14:59 |

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| S6 | 2 | S1 and S5 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | OFF | 2005/01/14 14:52 |
| S7 | 135 | (pon or passive adj optical adj network) and star adj coupler | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/01/14 14:53 |
| S8 | 22895 | S5 and "7" | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/01/14 14:53 |
| S9 | 3 | S5 and S7 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/01/14 14:53 |
| S10 | 61818 | (pon or passive adj double adj star) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/01/14 14:56 |
| S11 | 64 | S5 and S10 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | OFF | 2005/01/14 14:59 |

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| S12 | 43 | S11 and @ad<"20010913" | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/01/14 15:07 |
| S13 | 16 | S12 and optic\$2 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/01/14 15:07 |